

Titles of most frequently occurring classifications of patents returned  
from a search of 09960359 on Jan 24, 2007

- 10 455/436 (5 OR, 5 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/422.1 ..Zoned or cellular telephone system  
455/436 ...Handoff
- 10 370/331 (4 OR, 6 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/310 .COMMUNICATION OVER FREE SPACE  
370/328 ..Having a plurality of contiguous regions served by  
respective fixed stations  
370/329 ...Channel assignment  
370/331 ....Hand-off control
- 8 370/342 (1 OR, 7 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/310 .COMMUNICATION OVER FREE SPACE  
370/342 ..Combining or distributing information via code word  
channels using multiple access techniques (e.g., CDMA)
- 6 455/445 (2 OR, 4 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/422.1 ..Zoned or cellular telephone system  
455/445 ...Call routing (e.g., to prevent backhaul, routing  
efficiency, least cost, or alternate routing)
- 6 370/335 (2 OR, 4 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/310 .COMMUNICATION OVER FREE SPACE  
370/328 ..Having a plurality of contiguous regions served by  
respective fixed stations  
370/329 ...Channel assignment  
370/335 ....Combining or distributing information via code word  
channels using multiple access techniques (e.g., CDMA)
- 6 455/561 (2 OR, 4 XR)  
Class 455 TELECOMMUNICATIONS  
455/73 .TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
TRANSCEIVER)  
455/550.1 ..Radiotelephone equipment detail  
455/561 ...Base station detail
- 6 455/442 (3 OR, 3 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/422.1 ..Zoned or cellular telephone system  
455/436 ...Handoff  
455/442 ....Soft handoff
- 5 455/453 (1 OR, 4 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/422.1 ..Zoned or cellular telephone system  
455/450 ...Channel allocation  
455/453 ....Load balancing
- 5 455/450 (4 OR, 1 XR)  
Class 455 TELECOMMUNICATIONS

455/403 .RADIOTELEPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/450 ...Channel allocation

5 455/439 (0 OR, 5 XR)

Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELEPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/436 ...Handoff  
 455/439 ....Handoff initiated by another source (e.g., target, user

initiated, mobile switching center (MSC), or mobile telephone switching office (MTSO), etc.)

5 455/437 (1 OR, 4 XR)

Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELEPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/436 ...Handoff  
 455/437 ....Mobile assisted or initiated

4 455/525 (0 OR, 4 XR)

Class 455 TELECOMMUNICATIONS  
 455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
 455/500 ..Plural transmitters or receivers (i.e., more than two  
 stations)  
 455/507 ...Central station (e.g., master, etc.)  
 455/517 ....To or from mobile station  
 455/524 .....Multiple base stations  
 455/525 .....Base station selection

4 455/560 (0 OR, 4 XR)

Class 455 TELECOMMUNICATIONS  
 455/73 .TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
 TRANSCEIVER)  
 455/550.1 ..Radiotelephone equipment detail  
 455/560 ...Switching unit detail (e.g., mobile telephone switching  
 office (MTSO), base station controller (BSC), etc.)

4 455/433 (1 OR, 3 XR)

Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELEPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/432.1 ...Roaming  
 455/433 ....Home location registration (HLR) or visitor location  
 registration (VLR) detail

4 370/328 (2 OR, 2 XR)

Class 370 MULTIPLEX COMMUNICATIONS  
 370/310 .COMMUNICATION OVER FREE SPACE  
 370/328 ..Having a plurality of contiguous regions served by  
 respective fixed stations

3 455/466 (1 OR, 2 XR)

Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELEPHONE SYSTEM  
 455/466 ...Auxiliary data signaling (e.g., short message service  
 (SMS))

3 455/452.2 (0 OR, 3 XR)

Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELEPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/450 ...Channel allocation

455/452.1 ....Dynamic allocation  
455/452.2 .....Based on service quality (e.g., bandwidth, etc.)

3 455/426.1 (1 OR, 2 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/422.1 ..Zoned or cellular telephone system  
455/426.1 ...Including other radio communication system (e.g.,  
cordless telephone, paging, trunking, etc.)

3 455/422.1 (1 OR, 2 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/422.1 ..Zoned or cellular telephone system

3 455/446 (2 OR, 1 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/422.1 ..Zoned or cellular telephone system  
455/446 ...Including cell planning or layout

2 455/414.1 (1 OR, 1 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/414.1 ..Special service

2 455/443 (1 OR, 1 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/422.1 ..Zoned or cellular telephone system  
455/436 ...Handoff  
455/443 ....Overlapping cells

2 455/517 (0 OR, 2 XR)  
Class 455 TELECOMMUNICATIONS  
455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/500 ..Plural transmitters or receivers (i.e., more than two  
stations)  
455/507 ...Central station (e.g., master, etc.)  
455/517 ....To or from mobile station

2 455/416 (2 OR, 0 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/414.1 ..Special service  
455/416 ...Call conferencing

2 370/338 (0 OR, 2 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/310 .COMMUNICATION OVER FREE SPACE  
370/328 ..Having a plurality of contiguous regions served by  
respective fixed stations  
370/338 ...Contiguous regions interconnected by a local area network

2 370/349 (1 OR, 1 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/310 .COMMUNICATION OVER FREE SPACE  
370/345 ..Combining or distributing information via time channels  
370/349 ...Using messages having an address field as header

2 455/435.1 (1 OR, 1 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM

455/422.1 ..Zoned or cellular telephone system  
 455/435.1 ...Registration

2 455/452.1 (1 OR, 1 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELEPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/450 ...Channel allocation  
 455/452.1 ....Dynamic allocation

2 370/347 (0 OR, 2 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/310 .COMMUNICATION OVER FREE SPACE  
 370/345 ..Combining or distributing information via time channels  
 370/347 ...Multiple access (e.g., TDMA)

2 370/401 (1 OR, 1 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/351 .PATHFINDING OR ROUTING  
 370/389 ..Switching a message which includes an address header  
 370/400 ...Having a plurality of nodes performing distributed  
 switching 370/401 ....Bridge or gateway between networks

2 455/432.1 (1 OR, 1 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELEPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/432.1 ...Roaming

2 370/441 (0 OR, 2 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/431 .CHANNEL ASSIGNMENT TECHNIQUES  
 370/441 ..Combining or distributing information via code word  
 channels using multiple access techniques (e.g., CDMA)

2 370/332 (0 OR, 2 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/310 .COMMUNICATION OVER FREE SPACE  
 370/328 ..Having a plurality of contiguous regions served by  
 respective fixed stations 370/329 ...Channel assignment  
 370/331 ....Hand-off control  
 370/332 .....Based upon a particular signal quality measurement

2 455/522 (1 OR, 1 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
 455/500 ..Plural transmitters or receivers (i.e., more than two  
 stations) 455/507 ...Central station (e.g., master, etc.)  
 455/517 ....To or from mobile station  
 455/522 .....Transmission power control technique

2 455/226.1 (0 OR, 2 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/130 .RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER  
 455/226.1 ..Measuring or testing of receiver

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## Original Classifications

5	455/436
4	370/331
4	455/450
3	455/442
2	455/445
2	370/335
2	455/416
2	455/561
2	370/328
2	455/446

## Cross-Reference Classifications

7	370/342
6	370/331
5	455/436
5	455/439
4	455/445
4	370/335
4	455/453
4	455/525
4	455/560
4	455/561
4	455/437
3	455/452.2
3	455/433
3	455/442
2	455/466
2	455/517
2	370/338
2	370/347
2	370/328
2	370/441
2	455/426.1
2	455/422.1
2	370/332
2	455/226.1

## Combined Classifications

10	455/436
10	370/331
8	370/342
6	455/445
6	370/335
6	455/561
6	455/442
5	455/453
5	455/450
5	455/439
5	455/437
4	455/525
4	455/560
4	455/433
4	370/328
3	455/466
3	455/452.2
3	455/426.1
3	455/422.1
3	455/446

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2 455/414.1  
2 455/443  
2 455/517  
2 455/416  
2 370/338  
2 370/349  
2 455/435.1  
2 455/452.1  
2 370/347  
2 370/401  
2 455/432.1  
2 370/441  
2 370/332  
2 455/522  
2 455/226.1